

19981018.qrp v01\_n248.qrs.981018

Date: Sun, 18 Oct 1998 19:03:09 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1248

QRP-L Digest 1248

Topics covered in this issue include:

- 1) [22520] Voluntary Communications Emergency  
by ke6zx@juno.com (Fred J Kalt)
- 2) [22521] FOX:Team Scores (fwd)  
by Bruce Ratray <rattray@gpfn.sk.ca>
- 3) [22522] Fw: New QRP Radio  
by "Tim Cook" <timcook@erinet.com>
- 4) [22523] 10 - 10 Thanks!  
by KF4EIB@aol.com
- 5) [22524] fatal choice  
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 6) [22525] "Ham Sticks" Successful  
by Steve Gaiser <sgaiser@pclink.com>
- 7) [22526] Re: Voluntary Communications Emergency  
by wb2vuo@juno.com (W. K. Hibbert)
- 8) [22527] Re: RS-20 Schem.?  
by Brian Chesire <BCChesire@worldnet.att.net>
- 9) [22528] FS: Hamsticks & Bugcatcher  
by k7sz@epix.net
- 10) [22529] Cat destroys QRP station!!!!  
by herr@ridgecrest.ca.us (Michael Herr)
- 11) [22530] Re: "Ham Sticks" Successful  
by wb2vuo@juno.com (W. K. Hibbert)
- 12) [22531] A basic 2-element Yagi  
by wb2vuo@juno.com (W. K. Hibbert)
- 13) [22532] Re: Cat destroys QRP station!!!!  
by Vic Rosenthal <rakefet@rakefet.com>
- 14) [22533] ARCI 'Test Fun, 40m is a Bear...  
by Joe Gervais <vole@primenet.com>
- 15) [22534] N2CX foulup in ARCI Party  
by Joe Everhart <n2cx@voicenets.com>
- 16) [22535] Re: Cat destroys QRP station!!!!  
by Phil Rutledge <rut@mcrut.mv.com>
- 17) [22536] Re: ARCI 'Test Fun, 40m is a Bear...  
by Chris Cartwright <ccart@dns.vidtel.com>
- 18) [22537] Re: Voluntary Communications Emergency  
by Richard Brittingham <rbritt@visi.net>
- 19) [22538] FOX: Hound Leader Board

- by "Paul R. Valko" <prvalko@oakland.edu>
- 20) [22539] Re: Fox: or barenaked ladies????!! This post not QRP  
by Cayman71@aol.com
- 21) [22540] Re: Voluntary Communications Emergency  
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 22) [22541] FOX: Hound Leader Board K5ZTY  
by "Paul R. Valko" <prvalko@oakland.edu>
- 23) [22542] NN1G FOR SALE  
by "Bruce Williams - N9JCV" <n9jcv@wwa.com>
- 24) [22543] Re: Cat destroys QRP station!!!!!!  
by "cdd" <cdd@bellatlantic.net>
- 25) [22544] Newbie on 7.130MHz  
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 26) [22545] KA4BMK  
by Tom Palmer <n1tp@worldnet.att.net>
- 27) [22546] Re: Keyers and RCA plugs for power (Scott. N3BYY)  
by Scott Howell <whowell@hq.nasa.gov>
- 28) [22547] Chrome Bencher straight key for sale  
by Scott Howell <whowell@hq.nasa.gov>
- 29) [22548] Re: Voluntary Communications Emergency  
by Bill Myers <bjmyers@arc.net>
- 30) [22549] Re: Cat destroys QRP station!!!!!!  
by Wayne Alexander <walexan@ipa.net>
- 31) [22550] Re: Voluntary Communications Emergency  
by Tim Ahrens <tahrens@inetport.com>
- 32) [22551] NN1G SOLD  
by "Bruce Williams - N9JCV" <n9jcv@wwa.com>
- 33) [22552] Re: Cat destroys QRP station!!!!!!  
by aa5yx@juno.com (John Harper AA5YX/2)
- 34) [22553] Sudden Receiver FOR SALE  
by "Bruce Williams - N9JCV" <n9jcv@wwa.com>
- 35) [22554] Re: A basic 2-element Yagi  
by "John J. McDonough" <jjmcd@tm.net>
- 36) [22555] Re: Voluntary Communications Emergency  
by Richard Brittingham <rbritt@visi.net>
- 37) [22556] More on QRP killer cat!!!  
by herr@ridgecrest.ca.us (Michael Herr)
- 38) [22557] printed circuit boards  
by Ben Pooley <bpooley@bar.auracom.com>
- 39) [22558] Re: Voluntary Communications Emergency  
by kaliic <kaliic@ime.net>
- 40) [22559] ATLANTICON  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 41) [22560] ARCI--- this is fun!!  
by "Tim Cook" <timcook@erinet.com>
- 42) [22561] Re: Voluntary Communications Emergency  
by n5inz@juno.com (John M Andrews)
- 43) [22562] Re: More on QRP killer cat!!!

by n4js@pobox.com (John Sielke)

44) [22563] Sale: keyers  
by Jay Bromley <w5jay@alltel.net>

45) [22564] Sale:Index  
by Jay Bromley <w5jay@alltel.net>

46) [22565] Hamsticks & Bugcatcher SOLD!!!!  
by k7sz@epix.net

47) [22566] Re: Cat destroys QRP station!!!!  
by "Caitlyn M. Martin" <cait.martin@ibm.net>

48) [22567] Sale:NC40A  
by Jay Bromley <w5jay@alltel.net>

49) [22568] Need Juno help, NOT QRP:  
by "J. W. (Dub) Thornton" <dub@oklahoma.net>

50) [22569] Low-Tech Audio Filter  
by Don Wilhelm <w3fpr@mindspring.com>

51) [22570] Re: More on QRP killer cat!!!  
by "George T. Baker" <w5yr@swbell.net>

52) [22571] Knwd TS-450S Pwr Cable  
by ke3fl@juno.com

53) [22572] Re: Voluntary Communications Emergency  
by "George T. Baker" <w5yr@swbell.net>

54) [22573] Re: More on QRP killer cat!!!  
by John <kemkerj@xyzzzy.net>

55) [22574] FS: LARGE QRP tube exciter  
by Ed Tanton <n4xy@att.net>

56) [22575] Re: printed circuit boards  
by w7ls@blarg.net

57) [22576] FS: Index QRP++ \$375 shipped  
by n3bj@hotmail.com

58) [22577] EMail address for KK7B wanted  
by Stephen John Farthing <stephen@stevef.demon.co.uk>

59) [22578] Unbuilt 38 Special kit wanted  
by Mike Kana <cosmo224@execpc.com>

60) [22579] Re: LARGE QRP tube exciter  
by "Mel Evans" <Mel@bccscotland.freemove.co.uk>

61) [22580] Neophyte reciever  
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>

62) [22581] Texas Armadillo Chase  
by kq0i@juno.com (Mark R Milburn)

63) [22582] Slug tuned BPF  
by Steven Weber <kd1jv@moose.ncia.net>

64) [22583] Modem problem..not qrp  
by RangerSF5@aol.com

65) [22584] cat from hell  
by k5ubs@juno.com (Oscar A Hoyt)

66) [22585] FS: HW-9  
by Bill Robbins <billrobb@net-link.net>

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Date: Sat, 17 Oct 1998 19:42:24 -0400  
From: ke6zx@juno.com (Fred J Kalt)  
To: qrp-1@Lehigh.EDU  
Subject: [22520] Voluntary Communications Emergency  
Message-ID: <19981017.194226.-856479.2.ke6zx@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I must have missed something, but does anyone know why the ARRL issued  
bulletin # ARLB085 declaring a voluntary communications emergency?

fred ke6zx  
lakeland, fl

-----  
Date: Sat, 17 Oct 1998 17:54:53 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-1@Lehigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>  
Subject: [22521] FOX:Team Scores (fwd)  
Message-ID: <Pine.LNX.3.95.981017174144.14438A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...Team scores after hunt #4 - W8RU - ...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683  
"QRP! How sweet it is!"

\*\*\*\*\*  
The 40 mtr Fox Hunt Team Scores  
\*\*\*\*\*

...the Vibro-Fox Finders - 3.200 - hounds -> WE6W,N7MFB,KU7Y,WB5QYT.K2VCO  
CLEAN SWEEP!

...the Kentucky Porch Houndz - 3.000 - hound -> NU4N

...the Houston Hounds - 2.400 - hounds -> KQ5U, KK5LD

...the Underdogs - 2.249 - hounds -> N4ROA,AB7CE  
...the Fox Nabbers - 1.998 - hound -> K0EVZ  
...the Swords - 1.665 - hounds are still hungry  
...the Brass Pounders - 1.500 - hounds -> AB8DF,KB7MBI  
CLEAN SWEEP!  
...the Northern Lights - 1.332 - hounds -> VE7CQK,VE6EWM,VE2KN  
...the Jersey Diddles - 1.033 - hounds -> N2CX,N2T0,N4JS  
...the Texas Tarantulas - 1.000 - hounds -> AB5WX.K5LN,N5TW  
...the Team Apathy - 0.666 - hound -> K7TQ

-----  
Date: Sat, 17 Oct 1998 19:58:01 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22522] Fw: New QRP Radio  
Message-ID: <03b101bdfa29\$fa23df60\$577f5acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just saw this on the rec.swap list.... thought someone might be interested in it..

-----Original Message-----  
From: Gary Harmon <gharmon@idworld.net>  
Newsgroups: rec.radio.swap  
Date: Saturday, October 17, 1998 12:38 PM  
Subject: FS: New QRP Radio

>The QRP rig identified in the attached message is for sale. Assembled  
>by professional assembler. I've seen it and it's beautiful. Please  
>contact Morris directly at msully@stic.net but I will also forward any  
>e-mails received to him.

>

>Thanks in advance.

>

>gary

>

>=====

>Gary H. Harmon, Jr. - K5JWK

>6302 Robin Forest

>San Antonio, TX 78239

>(210) 657-1549

>gharmon@idworld.net

>=====

>

>

>

>-----Original Message-----

>From: Morris Sullivan, KG5CP <msully@stic.net>

>To: Gary Harmon <gharmon@idworld.net>

>Date: Saturday, October 17, 1998 10:50 AM

>Subject: Re: QRP Rig

>

>

>For Sale: Sierra QRP radio with the 10, 12, 15, and 17 meter band

>modules

>and the KC2 Keyer/Counter/Meter assembly and KC2 Front Panel.

>An external DC power source of 12-13.8 volts is required. All manuals

>included. This unit was assembled from a kit for an individual

>confined to

>a nursing home but was never put in service due to failing health.

>Kit cost: \$464 Asking: \$400 which includes shipping to US

>destinations.

>

>I hope I have covered everything. About the only thing left is the

>fact they

>need to supply the key (keyer) and speaker.

>

>Morris

>

-----

Date: Sat, 17 Oct 1998 20:26:34 EDT  
From: KF4EIB@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22523] 10 - 10 Thanks!  
Message-ID: <3678a445.362935ba@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Many thanks to all that sent info to me on the 10 10 International Club.  
NOW, get back on the radio and start \*collecting\* ten numbers!! Hi Hi

Thanks again,

Gordon kf4eib

-----  
Date: Sat, 17 Oct 1998 20:50:05 -0400  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22524] fatal choice  
Message-ID: <19981018014729.BBYX10595@[199.179.189.183]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Having more money than brains, I have reduced my  
choice to either an IC746 or an IC756. I have no  
interest in 2 meters, although it wouldn't hurt.

Any e-mail opinions from people who own them  
wouldn't be objectionable. Particularly interested in the  
IF dsp part.

Ahhhhhhhhh. Retirement. No expenses (save ham  
radio). No xyl to give me a hard time.

Only such earthshaking choices.

73 jerry w8gnd  
jwodell@ameritech.net

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Date: Sat, 17 Oct 1998 21:13:45 -0500  
From: Steve Gaiser <sgaiser@pclink.com>  
To: qrp-l@Lehigh.EDU  
Subject: [22525] "Ham Sticks" Successful  
Message-ID: <3.0.3.32.19981017211345.006ce73c@pclink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I thank all of you who replied to my "ham stick" query recently. I received some good feedback and alternative suggestions as well.

I am please to report that the portable operation today worked well. While at a scout camp I worked the Jamborie on the Air using the "ham stick" dipole and a regular barefoot rig.. (Forgot to bring the QRP rig along!).. This evening I put it back up at home and discovered the QRP contest going on. The band was crowded with several contests but I was able to work every station I heard and got very decent RST reports. I am pleased with the ham sticks performance and the next project is the "ham stick" beam as soon as I locate the info for that beast!! May use one for every band 40 and up and stack them!! What a Field Day picture that will be!! I recommend this antenna as an acceptable option for portable use and limited space considerations base on todays performance..

73's

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     ( o o )
-----o000--(_)--000o-----
      Steve Gaiser - N0SG
      Apple Valley, MN
      sgaiser@pclink.com
      .ooo0
      ( ) 0ooo.
-----\ (----( ) )-----
       \_ ) /
        (_/
```

<http://www.pclink.com/sgaiser>  
Updated 10-3-97

-----  
Date: Sat, 17 Oct 1998 22:28:09 EDT  
From: wb2vuo@juno.com (W. K. Hibbert)  
To: qrp-l@Lehigh.EDU  
Subject: [22526] Re: Voluntary Communications Emergency  
Message-ID: <19981017.222504.2167.0.wb2vuo@juno.com>



I missed the poster that asked about this communication emergency. A couple of things:

- 1 - The ARRL did NOT declare it, the FCC did, at the request of the SM of the STEX section.
- 2 - It's on until it is rescinded by the FCC
- 3 - It is weather-related, heavy T-storms and flash flooding in S. Texas
- 4 - It's in the Phone bands, not where most of the QRP=L'ers ahng out.
- 5 - By leaving the RACES/ARES/Other emergency communicators a clear frequency, we will be helping them out more than we will realize.
- 6 - It might be YOUR hometown next, it's been nasty all over...

Check out ARRL Bulletin 085 on their website for particulars.

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY  
My night light runs more power than my Rig!!!

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or call Juno at (800) 654-JUNO [654-5866]

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Date: Sat, 17 Oct 1998 19:27:41 -0700  
From: Brian Chesire <BCChesire@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22527] Re: RS-20 Schem.?  
Message-ID: <3629521D.537@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks to all who replied. I now have a nice .BMP schamtic.  
73's Brian  
WA5PP0 Tucson, AZ

-----  
Date: Sat, 17 Oct 1998 22:44:26 -0700  
From: k7sz@epix.net  
To: qrp-1@Lehigh.EDU  
Subject: [22528] FS: Hamsticks & Bugcatcher  
Message-ID: <3629803A.533B@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have been digging thru the basement and found two Hamsticks, one for 40 meters and the other for 20 meters...these have very low useage. In addition, there is the bottom half of a Texas Bugcatcher...this is the short (24inch) mast and the BIG coil assembly. All that is needed is a 102 inch CB whip (RS) to make this antenna work.

If anyone is interested, private e-mail, please.

The Hamsticks are \$10/ea plus shipping and the Bugcatcher is \$25 plus shipping.

73 Rich K7SZ

-----  
Date: Sat, 17 Oct 1998 19:36:15 -0700 (PDT)  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: qrp-1@Lehigh.EDU  
Subject: [22529] Cat destroys QRP station!!!!  
Message-ID: <v01530500b24ea07fae67@[208.138.142.98]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

My station has been competely destroyed by one cat!!! The cat from hell!!! It started when I walked into the garage to grab a philips screwdriver so I could work on a rig. I saw the famous white bully cat of the area. This cat is always beating up on my cat and making a bother of it's self. Well, instead of runing out the open garage door, it darts into the house, hisses at my dog, and into the radio room. Once in the room it jumps up on the radios, kicking and hissing. Knocks off the Cascade, Norcal 40, the entire top self goes witht he HW9 and 8, tears out the cabling, speaker falls and is urinating all the way. I finally rig a noose at the end of a pole, snare the bugger and take it outside. Being somewhat humane

(feeling less so by the minute) I release the animal and it scampers off into the night. I survey the destruction and what a mess. Unanswered QSL card are everywhere, rigs are hanging by their cables everything is wet and the smell, oh the smell!

So I am sprinkling everything with baking soda, cleaning and wiping down the works. Going to clean up the entire mess and have to rebuild the station. Maybe I'll get the HW-9 back on the air tomorrow but then I off for several days travel for work. What fun!. But the smell!! The computers in the same room and I don't know how much more I can stand!

...Mike WA6ARA

BTW - the cat is ok, but next time...

-----  
Date: Sat, 17 Oct 1998 22:49:20 EDT  
From: wb2vuo@juno.com (W. K. Hibbert)  
To: sgaiser@pclink.com, qrp-1@Lehigh.EDU  
Subject: [22530] Re: "Ham Sticks" Successful  
Message-ID: <19981017.224607.2167.1.wb2vuo@juno.com>

The "Ham Stick Beam"...

I saw a published antenna using Hustler masts and resonators in "73" about 15 years ago. The same principle can be applied with the Hamsticks.

You will need four Hamsticks for the band of choice. Two of them will be tuned to the desired center frequency of operation, and the other two tuned either 5% higher or 5% lower in frequency. Use the 5% higher tuning for a Director and 5% lower for a Reflector.

The Driven Element/Reflector version is easier to work with because the spacing is wider, resulting in a higher feedpoint impedance, closer to 50-ohms, but still below that figure. Reflector/Driven spacings will be 0.17 to 0.22 wave for a decent gain/Front-to-back ratio, and with full-sized elements, the 0.22-wave spacing will match 50-ohm cable just fine. The Hamsticks will probably show an impedance of 20 - 30 ohms in this configuration, good enough to get away with an ATU.

Expect about 4 dB gain, down from the 5 dB of a typical 2-element yagi. This is a bit of a guess, but most likely not off much.

If you have to buy the antennas, consider the Hustler Resonator version. You can make the mast sections out of 1/2" copper tubing and keep the price under \$60 for all new parts on 15 & 10, and under \$75 on 20, 30 and

40 Meters.

Sounds like a fun project.

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY  
My night light runs more power than my Rig!!!

And I still have the file on the full-sized 2-element yagis.

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 17 Oct 1998 22:49:20 EDT  
From: wb2vuo@juno.com (W. K. Hibbert)  
To: qrp-1@Lehigh.EDU  
Subject: [22531] A basic 2-element Yagi  
Message-ID: <19981017.224607.2167.2.wb2vuo@juno.com>

Figured I might as well post this back out to the list. I mentioned it  
on the air to a local, who wanted another copy of it. I am sure he's not  
alone...

Here's the directional antennas...72/73, Keith, WB2VUO

#### A 2-Element Yagi

Probably the easiest rotatable beam is a 2-Element Yagi, both in  
the mechanical and the electrical sense. While the gain won't be "up  
there" with the big tri-banders & the like, a useful amount of gain can  
be realized without breaking the bank. Below is a "sketch" of a 2-Element  
Yagi.

Reflector		Driven Element
!		!
!	<-----S----->	!
!		!
!		!

```

!      Boom      !
!=====!: <--Coax Connection
!           !
!           !
!           !
!           !
!           !

```

Beam Direction ----->

Gain is about 5dBd

Although the Reflector and the Driven Element are "sketched" as being the same length, in actuality, the Reflector is 5% longer than the Driven Element. The formulas for the element lengths are listed below:

DE (ft) = 470/F(MHz) [HF] : DE (in) = 5600/F(MHz) [VHF]

REF (ft) = 494/F(MHz) [HF] : REF (in) = 5880/F(MHz) [VHF]

The Spacing (S) can vary from 0.15-Wave to 0.25-Wave, with little change in the array gain. According to the charts in the "ARRL Antenna Book", 14th Edition, the variation in gain is less than 0.5dB. What does change is the feed impedance. Depending on how you want to feed the array

will determine the spacing. The closer the spacing, the lower the feedpoint impedance. At 0.20-Wave, the impedance is around 40-Ohms, resulting in a 1.25:1 SWR, and at 0.25-Wave, the feedpoint impedance is around 60-Ohms, resulting in a 1.17:1 SWR. This is with direct feed with 50-Ohm cable. The feed can be direct, or through a 1:1 balun, and will show very little variation either way.

### Construction of the 2-Element Yagi

Various construction methods can be used for a 2-Element Yagi.

The

most common is to take a length of rigid tubing, cut to the desired boomlength, and mount the elements with U-bolts, pipe clamps, muffler clamps or what-have-you. The boom can also be wood or a lattice-like structure, or even PVC pipe. The main consideration is mechanical strength. The element can be any conductive material that will support its own weight, or a suitable length of wire or braid that is supported by

a rigid non-conductor. One of the really inexpensive antennas I saw in a publication used lengths of #14 house wire, taped to bamboo poles. Of course, the author lived in the South, and just went out in his backyard and cut his own canes! Some people have all the luck!

Below, I have dimension for some of the HF and VHF bands, and some construction "tips":

Freq.	REF.	DE.	Spacing
14.1 MHz	35.04'	33.33'	13.95' - 17.45'
18.1 MHz	27.29'	25.97'	10.87' - 13.59'
21.2 MHz	23.30'	22.17'	9.28' - 11.60'*
24.9 MHz	19.84'	18.88'	7.90' - 9.88'
28.4 MHz	17.39'	16.55'	6.93' - 8.66'*
29.3 MHz	16.86'	16.04'	6.72' - 8.40'
50.4 MHz	116.90"	111.33"	46.96" - 58.69"
52.5 MHz	112.00"	106.66"	44.99" - 56.23"
146.0 MHz	40.27"	38.36"	16.18" - 20.22"
223.5 MHz	26.31"	25.06"	10.57" - 13.21"*

\* - Good Novice Antenna, also

Let's say, for example, that you need a 10 Meter beam. Looking at the chart, the longest element is just under 18', and the boomlength would be about 7' to 8.66'. The elements could be DIY aluminum tubing (expensive), or it could be EMT (conduit), which is heavy, but inexpensive. The boom could be a length of TV mast, Chain-link fence rail or a 2 x 4. The least expensive would be the heaviest (2 x 4 boom & EMT elements), but the total cost would only be \$20 - \$25. With about 5dBd gain, and a 25 watt rig (Uniden or Radio Shack), this would be like going with a 75 watt amp, at \$0.33/watt, and if you were running 100 watts, you would have effectively 300 watts for \$0.08/watt, plus the cost of the rig, of course. Any way you look at it, it's a big bang for the Buck!

If you wanted to make the Yagi for, say, 20 Meters, the "boom" could be a ladder, (No, I'm not kidding!), or a lattice-construct made with 2 x 2's or 2 x 4's. It would be HEAVY, ... but the price of 20 Meter beams are HEAVY, also. It might be feasible to do the ladder boom, and beef up the mast instead of depleteing your budget.

For the VHF beams, the boom could be PVC pipe, 2 x 2's, TV mast or whatever. One suggestion that was in "73" Magazine awhile back was to use threaded elements, drill holes in the PVC pipe and "bolt" the elements through the pipe wall. This would provide the mechanical support and the

insulation for the feedpoint all at the same time. For vertical polarization, the boom could be extended back beyond the Reflector, and the beam then end-mounted, putting the mast out of the field of the antenna. This would allow the antenna to even be side-mounted on an exsisting mast.

The beamwidth of a 2-Element Yagi is about 110-Degrees, so aiming is not critical, however, the front-to-side ratio and front-to-back ratio is 10 - 20 dB, providing a high degree of rejection to unwanted signals. To put this in perspective, say you lived in Brockport or somewhere in the Western edge of Monroe County. The 2 Meter version of this antenna could be mounted up in the clear, and "sited" on the center of Rochester. You would have gain from the North Greece area, all the way around to Rush, and would reduce the VE3 repeaters by a couple-or-3 "S"-units. Not bad for a few chunks of wire & a piece of PVC.

The possibilities are limitless. Consider a 2-Element Yagi this Antenna season.

72/73, Keith, QRP-L #582

Trustee,NQ2RP/B 10 Mtr Milliwatting Beacon (125 mW @ 28.2876 MHz)

"In the Depths of the Great Bergen Swamp...FN13ac"

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Sat, 17 Oct 1998 20:06:23 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: herr@ridgecrest.ca.us  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22532] Re: Cat destroys QRP station!!!!  
Message-ID: <36295B2F.220641EE@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Michael Herr wrote:

>  
> My station has been completely destroyed by one cat!!! The cat from  
> hell!!!

Having had a very similar thing happen to me a number of years ago, I know you are not making this up. However, from the cat's point of view, what happened is that he (certainly a He) was frightened to death by you and then your dog, ran the wrong way and found himself....trapped! Cats hate having their options limited.

Now, the time my own adorable little grey cat jumped up on my workbench, ran over to an SX62 that was resting on its side getting capacitors replaced, and sprayed directly into the wiring-- that can't be explained by fear.

I've found Clorox very useful in removing the smell where it won't damage the item. I cleaned up the SX62 by spraying an expensive enzyme cleaner from the pet store called "Nature's Miracle" into the wiring. After a few days all was OK, and no permanent damage appeared to have occurred.

Vic, K2VCO  
Fresno CA

-----  
Date: Sat, 17 Oct 1998 20:08:12 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22533] ARCI 'Test Fun, 40m is a Bear...  
Message-ID: <199810180308.UAA05948@usr07.primenet.com>

Howdy Folks,

Well figure I'm bummed out for having to miss Pacificon, the least I can do is get on the air for the ARCI 'test and have some on-the-air QRP fun! Got on early evening (20m) for a bit and had a good time, nice to hear and work everyone again. :-)

Had to QRT for a bit, came back later and got on 40m. Just what the heck is the NA event? Unless I missed it, there's no mention in Contest Corral, but they're everywhere. Didn't think it was NA Sprint time, but it's making things tough on 40m at 0300Z. Did manage to work several of you there, but sure is slim pickins between those QRO CW and RTTY ops. One or the other I can handle. Both at once is a bugger.



Anyone else feeling brave. Want to make a stand near 7040  
and go for it? Let us know! :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----  
Date: Sat, 17 Oct 1998 23:25:49 -0400  
From: Joe Everhart <n2cx@voicenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22534] N2CX foulup in ARCI Party  
Message-ID: <199810180325.XAA46176@nss4.cc.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

I scrood up! In the first 6 Q's on 20 meters with N4BP, K5TF, W9UR,  
N9DD, K0FX and K0EVZ I gave the wrong ARCI member number. The number  
I gave had two significant digits while the correct number has three so  
if any of you guys work me on another band you will get a different  
number!

Slinking off in shame....

72/73,

Joe E., N2CX

from South Jersey y'all!

-----  
Date: Sat, 17 Oct 1998 23:39:19 -0400  
From: Phil Rutledge <rut@mcrut.mv.com>  
To: rakefet@rakefet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22535] Re: Cat destroys QRP station!!!!  
Message-ID: <199810180341.XAA26680@mercury.mv.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

> I cleaned up the SX62 by spraying an expensive enzyme cleaner from the  
>pet store called "Nature's Miracle" into the wiring. After a few days all  
was  
>OK, and no permanent damage appeared to have occurred.

I'll vouch for this stuff too. It really works!!

===Phil=== (K1HS)

-----  
Date: Sun, 18 Oct 1998 00:42:51 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: Joe Gervais <vole@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22536] Re: ARCI 'Test Fun, 40m is a Bear...  
Message-ID: <Pine.LNX.3.93.981018003840.1889A-1000000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Oct 1998, Joe Gervais wrote:

> the least I can do is get on the air for the ARCI 'test

Whew! That really was you I worked:) Though someone might have hijacked  
your call while you were at the salt mine <grin>. I managed to get a day  
off too and have been playin' radio all day... Ahh... kids are away...  
YL off visiting, the whole house to myself... guess I'll skip sleeping  
tonight and make the most of it, 100 Q's and 100K points here I come!

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Sat, 17 Oct 1998 23:38:22 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: Fred J Kalt <ke6zx@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22537] Re: Voluntary Communications Emergency  
Message-ID: <Pine.GS0.3.96.981017233651.23576A-1000000@ankara.visi.net>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone remember the arl bulletin number from when the hurricane hit Alabama? The freqs were the same. Maybe its a spoof...

Maybe not..... But I don't know of anything happening that would have freqs declared off limits....

73

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Sun, 18 Oct 1998 01:21:00 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: prvalko <prvalko@oakland.edu>  
Cc: QRP List <qrp-l@Lehigh.EDU>  
Subject: [22538] FOX: Hound Leader Board  
Message-ID: <Pine.OSF.3.95.981018005313.18250A-100000@vela.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well Gang, here's a first run at this. Please excuse the crummy  
formatting, I will try to improve in the next try.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

\*\*\*\*\*

1998 QRP-L FOXHUNT LEADER BOARD

Hounds with all FOUR Foxii!!!

N1TP K0EVZ K1MG KA4BMK KB0PTE KI0AF KK5LD N1FN NQ7X W7AQK WE6W

Hounds with THREE Fox.

AA5TA  
AB7CE  
AB7MY  
AC5II  
AK7Y  
K10J  
K1QM  
K2VCO  
K50I  
K7TQ  
KB0ROL  
KB9IUA  
KK6MC  
KS4L  
N0AR  
N4KZ  
N4ROA  
N5WL  
N8VAR  
NU4N  
VE5RC  
VE6EWM  
W5TFB  
WA5WHN  
WJ7H  
W00Q

Hounds with 2 pelts!

AA0ZZ  
AB0CD  
AB5UA  
AE4IC  
AF5Z  
AI4CW  
AK1P  
K5AAR  
K5ID  
K5JHP  
K5ZTY  
K8CV  
K8DD  
KA80KH

KB7MBI  
KD7AEE  
KG2LO  
KI0II  
KI7MN  
KJ3V  
KU4AF  
KU7Y  
N0UR  
N1QQV  
N2BRT  
N2LO  
N3YSI  
N4JS  
N5LU  
N7MFB  
N7XJ  
N8VZU  
NA1XX  
W0CH  
W4VCT  
W5SB  
W5USJ  
W8RU  
WA6NAE  
WB5QYT  
WD8KQY

Hounds with one fox!

AB5WX  
AB7TT  
AB8DF  
AC5K  
AE2T  
K0Y0  
K3AS  
K4JPN  
K4PYM  
K5GQ/M  
K5LD  
K5LN  
K5OI/M  
K5UP  
K5VUU  
K5ZTY  
KA3WMJ  
KA4JMZ

KB2PQY  
KC1FB  
KD5CMN  
KE6ZX  
KF2PH  
KI0G  
KK7GG  
KQ5U  
KS4V  
KU4UX  
N0TU  
N10CJ  
N10DL  
N2APB  
N2CQ  
N2CX  
N2T0  
N2WF  
N3XRV  
N5JI  
N5TW  
N6WG  
N9DD  
NA3V  
NC7W  
NC7X  
NR3Z  
NU4AN  
VE2KN  
VE3ELA  
VE3JC  
VE6NJK  
VE7CQK  
W0RSP  
W0RW  
W2VCO  
W7UQ  
W8KC  
W8RO  
W8SFF  
WA8GHZ  
WA8MCQ  
WA9PWP  
WB5QTY  
WF4I  
WS4S  
WS8D  
WV3J

WW5XX

-----  
Date: Sun, 18 Oct 1998 01:27:58 EDT  
From: Cayman71@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22539] Re: Fox: or barenaked ladies???!!! This post not QRP  
Message-ID: <c59da519.36297c5e@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

>This was the first time I heard about that group, but the one that really  
>made my head shake more than once was when my son told me about a group  
>called "The Butt Hole Surfers". Now, that's what I call stretching the name  
>limit (hi).

>BTW - The best group of all time (next to the Eagles) has to be DEVO.  
>Now, back to QRP. . .

Hey Bill (&group)!

I'm a QRP'er who is a major fan of the Butthole Surfers! I thought that name  
of theirs would be "sellout" insurance against a major label.

Turns out they're now FM radio fare, playing on Capitol Records & had an album  
produced by John Paul Jones (keyboard & bassist for the legendary Led  
Zeppelin). They once covered the Donovan tune "Hurdy-Gurdy Man".

I'm just surprised they aren't the house band for Howard Stern :)

de KA8SYV

-----  
Date: Sun, 18 Oct 1998 00:31:27 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: rbritt@visi.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22540] Re: Voluntary Communications Emergency

Message-ID: <36297D2F.F4155EAB@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Texas has been hit with tornados and very serious flooding. Several people dead or missing. It's not a spoof!

Richard Brittingham wrote:

>  
> Does anyone remember the arl bulletin number from when the hurricane hit  
> Alabama? The freqs were the same. Maybe its a spoof...  
>  
> Maybe not..... But I don't know of anything happening that would have  
> freqs declared off limits....  
>  
> 73  
>  
> -----  
>  
> Amateur Radio Operator as WD4AEF for 22 years  
> Now Vanity Call is W4MCD

73,  
Steve Yates  
AA5TB  
aa5tb@swbell.net  
<http://home.swbell.net/aa5tb/>  
Fort Worth, Texas

-----  
Date: Sun, 18 Oct 1998 01:32:39 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22541] FOX: Hound Leader Board K5ZTY  
Message-ID: <Pine.OSF.3.95.981018012815.18420A-100000@vela.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Darn computers...

K5ZTY has THREE pelts.

I'm sure there are a few other fixes \*I\* cought this one.



Please don't pepper me with corrections :-) I'll let the software work out any bugs on the next try. If your call was in the log as it was sent to me, it'll get counted.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Sun, 18 Oct 1998 00:37:43 -0500  
From: "Bruce Williams - N9JCV" <n9jcv@wwa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [22542] NN1G FOR SALE  
Message-ID: <01bdfa59\$6dac8ca0\$743ef1cf@WWA.wwa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I am cleaning shack and have a radio for sale.

I built the NN1G about a year ago. It does not work perfectly, either transmit or receive is not functioning. I don't remember which. I just never seem to have time to work on it, I would rather use another rig and simply get on the air. This rig is complete and in a nicely painted cabinet(yellow). The only thing I see missing is 2 or 3 screws and the knob for the tuning. I am hoping someone can fix it up and give it a nice home. I will sell the radio for \$25 including shipping via Priority Mail.

If you are interested, please send me a private e-mail. I only get the digest. Payment must be in the form of a United States Postal Money Order. I will send the radio via Priority Mail as soon as payment is received.

Thanks  
Bruce N9JCV Norcal #359 ARCI # 8267

-----  
Date: Sun, 18 Oct 1998 01:45:44 -0400  
From: "cdd" <cdd@bellatlantic.net>  
To: <herr@ridgecrest.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22543] Re: Cat destroys QRP station!!!!  
Message-ID: <001101bdfa5a\$8da14900\$9c7bc997@curt>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You guys are too nice, I'll leave it to your imagination  
on what action would of occurred at my qth! :-)

Good Luck with the smell. . . .Curt

K3ivb

-----Original Message-----

From: Michael Herr <herr@ridgecrest.ca.us>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, October 17, 1998 10:46 PM  
Subject: Cat destroys QRP station!!!!

>Gang,

> My station has been competely destroyed by one cat!!! The cat from  
>hell!!! It started when I walked into the garage to grab a philips  
>screwdriver so I could work on a rig. I saw the famous white bully cat of  
>the area. This cat is always beating up on my cat and making a bother of  
>it's self. Well, instead of runing out the open garage door, it darts into  
>the house, hisses at my dog, and into the radio room. Once in the room it  
>jumps up on the radios, kicking and hissing. Knocks off the Cascade, Norcal  
>40, the entire top self goes witht he HW9 and 8, tears out the cabling,  
>speaker falls and is urinating all the way. I finally rig a noose at the  
>end of a pole, snare the bugged and take it outside. Being somewhat humane  
>(feeling less so by the minute) I release the animal and it scampers off  
>into the night. I survey the destruction and what a mess. Unanswered QSL  
>card are everywhere, rigs are hanging by their cables everything is wet and  
>the smell, oh the smell!

> So I am sprinkling everything with baking soda, cleaning and wiping  
>down the works. Going to clean up the entire mess and have to rebuild the  
>station. Maybe I'll get the HW-9 back on the air tomorrow but then I off  
>for several days travel for work. What fun!. But the smell!! The computers  
>in the same room and I don't know how much more I can stand!

>...Mike WA6ARA  
>BTW - the cat is ok, but next time...  
>  
>  
>  
>

-----  
Date: Sun, 18 Oct 1998 00:06:34 -0700 (PDT)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [22544] Newbie on 7.130MHz  
Message-ID: <Pine.LNX.3.96.981018000216.31962A-100000@amethyst.axisinternet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I finally got around to taking that one winding off the VFO coil in my SW-40+. :) After recalibrating the radio, I found it's tuning range covers 7.13MHz to 7.15MHz and beyond. But since I'm not a general, there's not much use for stuff above 7.15MHz.

Anyway, I'm going to try rigging up a folded dipole in the short term, and try building some of the other antennae that you folks have suggested in the near future (thanks to those who mailed me!). So if you hear me somewhere between 7.130MHz to 7.150MHz, please let me know!

And another thing -- GO SLOW. Slower than 5wpm! My code is horrible, having not practiced in a loooooong time. :)

=====  
KC5TJA/6 | -| TEAM DOLPHIN |-  
DM13 | Samuel A. Falvo II  
QRP-L #1447 | <http://www.dolphin.openprojects.net>  
Oceanside, CA |.....

-----  
Date: Sun, 18 Oct 1998 05:56:47 -0400  
From: Tom Palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [22545] KA4BMK  
Message-ID: <3629BB5F.F61F3FCB@worldnet.att.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Does anyone have any information on KA4BMK, Jim in Florida? I'd like to contact him via e-mail or snail mail. "Thanks" in advance. Tom Palmer, Naples, Fl. N1TP

-----  
Date: Sat, 17 Oct 1998 19:56:15 -0400  
From: Scott Howell <whowell@hq.nasa.gov>  
To: w4pj@w4bkkx.ampr.org, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [22546] Re: Keyers and RCA plugs for power (Scott. N3BYY)  
Message-ID: <3.0.5.32.19981017195615.007bf540@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

tnx to all who have answered and will answer my questions on keyers and rca plugs. I am not sure why Tentec went with rca plugs, but was the reason for wanting to use them. Hook it to the Tentec 961 pwr supply I have. In any case as usual you guys and gals out there in Qrp-l land have been a big help. What a great group!

73 de Scott/n3bbyy

-----  
Date: Sun, 18 Oct 1998 08:02:39 -0400  
From: Scott Howell <whowell@hq.nasa.gov>  
To: cw@qth.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [22547] Chrome Bencher straight key for sale  
Message-ID: <3.0.5.32.19981018080239.007d0b80@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

still got my Chrome Bencher straight key for sale. Ment condition with box and manuals. Asking \$75 shipped/insured to your door. Got two J38 keys and like them quite a bit so figured got to let something go to make room on the shelf. Will also consider trade for a good keyer that preferably lets commands be entered via cw. visual menus etc. are of no use so can't use a keyer like that. Hmm, maybe there aren't any like that; dont' know.

tnx es 73 de Scott/n3byy  
Laurel MD  
Fists #5030

-----  
Date: Sun, 18 Oct 1998 07:39:09 -0500  
From: Bill Myers <bjmyers@arc.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22548] Re: Voluntary Communications Emergency  
Message-ID: <199810181236.HAA29090@sparky3.arc.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:42 PM 10/17/98 -0400, Fred J Kalt wrote:

>

>I must have missed something, but does anyone know why the ARRL issued  
>bulletin # ARLB085 declaring a voluntary communications emergency?

Texas was hit with serious weather, including tornados, causing widespread damage, deaths, and missing people.

Mexico is about to be hit, if not being hit, with at least one hurricane, if not 2. The projected path of the residual storms should enter the southwest US and will cause more damage, flooding, and possible tornados.

Bill KK4KF

-----  
Date: Sun, 18 Oct 1998 07:46:20 -0500  
From: Wayne Alexander <walexan@ipa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22549] Re: Cat destroys QRP station!!!!  
Message-ID: <199810181246.HAA25959@ns3.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Would have been one less cat in the world at my QTH. Don't like cats any way.  
Good luck with the smell,puuweee.

At 01:45 AM 10/18/98 -0400, you wrote:

> You guys are too nice, I'll leave it to your imagination  
> on what action would of occurred at my qth! :-)

>

> Good Luck with the smell. . . .Curt

>

K3ivb

>

>

>-----Original Message-----

>From: Michael Herr <herr@ridgecrest.ca.us>

>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

>Date: Saturday, October 17, 1998 10:46 PM

>Subject: Cat destroys QRP station!!!!

>

>

>>Gang,

>> My station has been competely destroyed by one cat!!! The cat from  
>>hell!!! It started when I walked into the garage to grab a philips  
>>screwdriver so I could work on a rig. I saw the famous white bully cat of  
>>the area. This cat is always beating up on my cat and making a bother of  
>>it's self. Well, instead of runing out the open garage door, it darts into  
>>the house, hisses at my dog, and into the radio room. Once in the room it  
>>jumps up on the radios, kicking and hissing. Knocks off the Cascade, Norcal  
>>40, the entire top self goes witht he HW9 and 8, tears out the cabling,  
>>speaker falls and is urinating all the way. I finally rig a noose at the  
>>end of a pole, snare the bugger and take it outside. Being somewhat humane  
>>(feeling less so by the minute) I release the animal and it scampers off  
>>into the night. I survey the destruction and what a mess. Unanswered QSL  
>>card are everywhere, rigs are hanging by their cables everything is wet and  
>>the smell, oh the smell!

>> So I am sprinkling everything with baking soda, cleaning and wiping  
>>down the works. Going to clean up the entire mess and have to rebuild the  
>>station. Maybe I'll get the HW-9 back on the air tomorrow but then I off  
>>for several days travel for work. What fun!. But the smell!! The computers  
>>in the same room and I don't know how much more I can stand!

>>...Mike WA6ARA

>>BTW - the cat is ok, but next time...

>>

>>

>>

>>

>

73,

KB0PTE

Wayne

FISTS # 4907

QRP-L # 1058

-----  
Date: Sun, 18 Oct 1998 08:31:06 -0500  
From: Tim Ahrens <tahrens@inetport.com>  
To: wb2vuo@juno.com, qrp-1@Lehigh.EDU  
Subject: [22550] Re: Voluntary Communications Emergency  
Message-ID: <3629ED9A.221D311D@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'll vouch for this... anybody want some water? We have enough to last quite a while.. at least until the creeks go down! Saturday morning the clouds opened up & we got 6 inches in about an hour. I'm sure it's not a record, but the creek that runs across our road to the subdivision was at 5 feet. (that's above the asphalt). South of here they got 12-17 inches, so we were lucky. I was out in the fire truck most of the day.

we're fine.

Thanks all

Tim W5FN

>  
> 3 - It is weather-related, heavy T-storms and flash flooding in S. Texas  
>

-----  
Date: Sun, 18 Oct 1998 08:51:54 -0500  
From: "Bruce Williams - N9JCV" <n9jcv@wwa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [22551] NN1G SOLD  
Message-ID: <01bdfa9e\$77323dc0\$2f3ff1cf@WWA.wwa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My NN1G has been sold. I received many replies. It is for 30M. I will keep a second and third name in case the deal falls thru with the first individual.

Thanks  
Bruce

-----  
Date: Sun, 18 Oct 1998 09:48:40 -0400  
From: aa5yx@juno.com (John Harper AA5YX/2)  
To: qrp-1@Lehigh.EDU  
Subject: [22552] Re: Cat destroys QRP station!!!!  
Message-ID: <19981018.095010.12686.0.aa5yx@juno.com>

On Sat, 17 Oct 1998 19:36:15 -0700 (PDT) herr@ridgecrest.ca.us (Michael Herr) writes:

I survey the destruction and what a mess. Unanswered  
>QSL  
>card are everywhere, rigs are hanging by their cables everything is  
>wet and  
>the smell, oh the smell!  
> So I am sprinkling everything with baking soda, cleaning and  
>wiping  
>down the works.  
>...Mike WA6ARA  
>BTW - the cat is ok, but next time...

Would you like to borrow my .22?

John Harper AA5YX/2 ex: KA5BBL, KI5OW, VQ9BL  
Century 21, HW-9, OHR-100A/20m, NorCal 40A, SST/30m  
YashicaMat 124G Info: <http://home.att.net/~j..harper>

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 18 Oct 1998 09:11:32 -0500



From: "Bruce Williams - N9JCV" <n9jcv@wwa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [22553] Sudden Receiver FOR SALE  
Message-ID: <01bdfaa1\$350153c0\$2f3ff1cf@WWA.wwa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have a completly built and working Sudden Receiver for 40 Meters that I would like to sell. The October 91 issue of 73 has a write-up on this kit. It is a Direct conversion reciever based on a NE602. It is in a very nice Ten Tec cabinet(no scratches) and has a very nice Tuning capicitor and a gear reduction drive, including all jacks and knobs, etc.. Someone may wish this kit more for parts than for a reciever.

Anyway, \$15 in the form of a United States Postal Service and your Name and address is all that is required to get this shipped to your door via USPS Priority Mail.

Please reply via private email, as I only get the digest.

Thanks

Bruce

-----  
Date: Sun, 18 Oct 1998 10:29:29 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22554] Re: A basic 2-element Yagi  
Message-ID: <199810181431.5412000@is1.tm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> From: W. K. Hibbert <wb2vuo@juno.com>; owner-qrp-1@Lehigh.EDU  
> Subject: A basic 2-element Yagi

> Probably the easiest rotatable beam is a 2-Element Yagi, both in  
> the mechanical and the electrical sense. While the gain won't be "up

A quickie calculator for 2 and 3 element yagis is available on my radio page:

<http://users.tm.net/jjmcd/hamradio.htm>

Sorry - it doesn't work with Navigator, only with Internet Explorer. This isn't deliberate, I just haven't had time to fix it.

72/73 de WB8RCR  
didileydadidah

-----  
Date: Sun, 18 Oct 1998 10:16:58 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22555] Re: Voluntary Communications Emergency  
Message-ID: <Pine.GS0.3.96.981018101600.27320A-100000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Steve. Lets hope the people in Tx recover quickly from this.

73

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Sun, 18 Oct 1998 07:41:41 -0700 (PDT)  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: qrp-l@Lehigh.EDU  
Subject: [22556] More on QRP killer cat!!!  
Message-ID: <v01530501b24f4a06b247@[208.138.142.44]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Thanks for all the comments on the QRP killer cat situation. The station is slowly getting back to shape, the smell is mostly gone and I am

using it to do some needed improvements. I was surprised at the number of comments I received from other hams who had similiar occurrences. Then I thought how my own cat, who is somewhat stand offish, as all cat are, decides that the time to be petted is when I am sitting down working some nice CW. Ah ha! I believe we have discovered a cat conspiracy, certainly against CW, perhaps QRP as well!

So be careful, very careful. Watch your cat around your radios, especially QRP CW rigs as they may not be safe. The truth is out there.....

vy 72

Mike WA6ARA

BTW - I questioned my cat about the anti QRP/CW conspiracy. She did not deny it...

-----  
Date: Sun, 18 Oct 1998 10:51:38 -0400 (EDT)  
From: Ben Pooley <bpooley@bar.auracom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22557] printed circuit boards  
Message-ID: <1.5.4.16.19981018114625.337f6b78@bar.auracom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK, not strictly QRP, but the resulting circuit boards would be!

Has anyone here tried, and would like to comment on, the transfer paper system offered by Dyna-Art for transferring PCB layout from laser printer to circuit board material?

Comments on this, or any similar systems, would be appreciated.

Been sending off layouts to PCB makers for years; now trying to retire and can't afford that for my own projects!

72 Ben, VE1AHX

-----  
Date: Sun, 18 Oct 1998 10:52:15 -0700  
From: kaliic <kaliic@ime.net>  
To: rbritt@visi.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [22558] Re: Voluntary Communications Emergency  
Message-ID: <362A2ACF.3FC@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Everyone,

I checked the ARRL web page and the communications emergency is listed the ARL number is ARLB085.

This order lists 7.285 , 7.290 , 3.874 , 3.935.

It also states that ' The communications emergency remains in effect until rescinded'

This emergency ws called by the FCC Oct. 17 1998 and askes that + and - 3 khz of each frequency be cleared.

For more info see the ARRL web page at: <http://www.arrl.org/>

have a good day and a better tomorrow!

73  
Vince  
ka1iic  
-.-.

-----  
Date: Sun, 18 Oct 1998 11:03:19 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, NJQRP Club <njqrp@njqrp.org>  
Subject: [22559] ATLANTICON  
Message-ID: <362A0337.3DFD05EC@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I've gone to the Virginia Beach Hamfest for the last five years or so and tend to concur. Because it is "off season" for this resort community, very reasonable prices can be found for rooms almost anywhere. This year it coencided with QRPTTF and that opens quite a few possibilities for portable operations. Speaking as a NJ resident, the drive is pleasant enough and, if you stay over a night or two, the trip

is not very taxing.

>Gang;

> There is no question that Virginia Beach would be the best spot >to hold  
>a QRP convention. The hamfest committee is experienced and Va. beach has >the  
>hotels and eating places to make the whole family happy. The Knightlites >and  
>the Grandstrand QRPers are both close as well as the N.J. gang. Having >put on  
>a smaller show here in S.C. I think it could fly.

> 72

> Les K4NK

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Sun, 18 Oct 1998 11:30:11 -0400

From: "Tim Cook" <timcook@erinet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [22560] ARCI--- this is fun!!

Message-ID: <00a601bdffaac\$3279bd80\$b17f5acf@timcook.erinet.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Just couldn't resist passing this on.... Have been working the contest with my Sierra ~ 1.5w on 80/40/20mtrs, my 15m module is only putting out 200mw. So why not?, plugged it in , called CQ and OH9VL came back!! Exchanged contest info, then a short qso. He was running 1w to a dipole and I was running 200mw to a old wilson 3 el tribander up 25 feet. wonder what would happen with 2 watts!!!!

Don't have my 10m module yet, maybe next time.....

Oh yes, my Whiterook MK-44 paddles came Friday.. been using them.. great little set of paddles.....

Seems like lots of activity, but 40 meters here last night in OH was not

good at this qth.... noisy!!!

Tim  
NZ8J

-----  
Date: Sun, 18 Oct 1998 11:16:16 -0500  
From: n5inz@juno.com (John M Andrews)  
To: qrp-1@Lehigh.EDU  
Subject: [22561] Re: Voluntary Communications Emergency  
Message-ID: <19981018.111616.3254.0.N5INZ@juno.com>

The ARRL did the right thing.

I sat in my little truck with a change of clothes, all the cash I had on hand, and my briefcase watching Stone Creek, a few hundred yards from home, rise by the minute. Better today but keeping an eye on it.

John- N5INZ  
Schertz, Tx

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 18 Oct 1998 16:18:06 GMT  
From: n4js@pobox.com (John Sielke)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22562] Re: More on QRP killer cat!!!  
Message-ID: <364f0fc5.355509718@mail.snip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Sun, 18 Oct 1998 07:41:41 -0700 (PDT), you typed:

>Gang,  
> Thanks for all the comments on the QRP killer cat situation. .



Hm 501 648 9138  
Wk 501 651 7012

-----  
Date: Sun, 18 Oct 1998 11:32:43 -0500  
From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22564] Sale:Index  
Message-ID: <362A182B.9A7F2567@alltel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,  
More house cleaning :  
Have a Index QRP++ mint, no mods, \$450 shipped

73 de w5jay  
Jay Bromley  
hm 501 648 9138  
wl 501 651 7012

-----  
Date: Sun, 18 Oct 1998 12:51:33 -0700  
From: k7sz@epix.net  
To: qrp-l@Lehigh.EDU  
Subject: [22565] Hamsticks & Bugcatcher SOLD!!!!  
Message-ID: <362A46C5.3CE9@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

All gone!

Tnx to all who responded.

73 Rich K7SZ

-----



Date: Sun, 18 Oct 1998 12:54:15 -0400  
From: "Caitlyn M. Martin" <cait.martin@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22566] Re: Cat destroys QRP station!!!!  
Message-ID: <199810181657.QAA113270@out1.ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,

I am very sorry you lost your equipment.

That's the main reason I won't let my ferrets into my shack. They are not destructive as a rule, but they are insatiably curious and will poke around in everything, pushing things around or knocking them over to learn more about them or see what's underneath. They might also think ham stuff I have would be a neat toy and try to play with it in a way that could destroy it, or else try to carry it off and ferret it away in one of their favorite places. They do drag and pull things that are bigger and heavier than they are using their forepaws and teeth, and are quite capable of teamwork. We've had some pretty funny incidents around the house, but none in the shack so far, thankfully.

Anyway, thanks for sharing your story. I'm just sorry it happened at all.

72/73,  
Cait  
KU4QD

---

Caitlyn M. Martin	"They have computers, and may have
cait.martin@ibm.net	other weapons of mass
<a href="http://www.caitys-world.com">http://www.caitys-world.com</a>	destruction" -Janet Reno

---

-----  
Date: Sun, 18 Oct 1998 12:05:16 -0500  
From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22567] Sale:NC40A

Message-ID: <362A1FCB.9BB94945@alltel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,  
What can I say, I am in one of those moods.  
I have a Wilderness NC40a with the KC-1, 10 turn pot, Sierra Knob,  
updated driver and final. Shipped for \$150.00

Got to make room for K2 and NC-20. Lets see what else I can find to  
depart with?

Thanks and 73 de w5jay..  
Jay Bromley  
ph 501 648 9138  
wk 501 651 7012

-----  
Date: Sun, 18 Oct 1998 11:53:28 -0600  
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22568] Need Juno help, NOT QRP:  
Message-ID: <199810181706.MAA16217@dns.tulsa.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anybody running Juno who can tell me how to get it to recognize a 56K V-90  
Lucent Technologies  
Win Modem ??? A local buddy has a new HP system with this modem, which  
works fine  
for AOL and other functions. Juno does not recognize the modem, and does  
not initialize  
the modem using other modem configurations I have tried, ie: Hayes  
compatible 56K,  
AT&T LT Win Modem, IBM LT Win Modem. Any help appreciated. "72"  
J. W. (Dub) Thornton WA5YFY  
Minco, OK.

-----  
Date: Sun, 18 Oct 1998 13:35:10 -0400  
From: Don Wilhelm <w3fpr@mindspring.com>

To: qrp-1@Lehigh.EDU  
Subject: [22569] Low-Tech Audio Filter  
Message-ID: <3.0.1.32.19981018133510.0069eab4@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I want to thank those who came up with the ideas for the resonant tube speaker. I decided to give it a try, and found good success (for my ears with a 5 inch tube. Gives a good peak on CW even with my 250 Hz filter in. I like a lower pitch than the usual 700 to 750 Hz.

I have a top mounted speaker, so trials were no more complicated than setting the tube on top of the rig. First cut the bottom off an old 1 quart paint can (5" high). That worked FB, so looked around for something that might be a bit more elegant. I had a plastic tumbler, so I cut the bottom off one, and found it was much better than the paint can. Tumbler is slightly tapered, and works better with the small end down. I even find that it takes much of the noise out of SSB as well, so I can leave it on the rig all the time.

Don W3FPR

-----  
Date: Sun, 18 Oct 1998 13:03:27 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: n4js@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22570] Re: More on QRP killer cat!!!  
Message-ID: <362A2D6F.C3066F62@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This cat and parrot business illustrates one of the very few drawbacks to QRP.

A REAL vacuum-tube QRO station would have defended itself promptly upon being disturbed! No question about punishment for the newly deceased (electrocuted) cat!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) 33.2 N 96.6 W EM13RE  
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X ICQ 16819496 Collin County

-----  
Date: Sun, 18 Oct 1998 14:06:34 -0700  
From: ke3fl@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [22571] Knwd TS-450S Pwr Cable  
Message-ID: <19981018.140635.11694.1.ke3fl@juno.com>

Does anyone know which is +/- for the Kenwood TS-450S on the rear large 6-pin (Molex?) connector? Only 4 pins are used, I assume two for each + & - but the person I'm trying to help no longer has the pwr cable, so we hve to bld one.

don't bother cluttering up QRP-L send directly to me at ke3fl@juno.com

tnx,  
72 & 73 de KE3FL  
Phil K

e-mail: ke3fl@juno.com  
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

-----  
You don't need to buy Internet access to use free Internet e-mail. Get completely free e-mail from Juno at <http://www.juno.com> or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 18 Oct 1998 13:10:13 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: ke6zx@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22572] Re: Voluntary Communications Emergency  
Message-ID: <362A2F05.47FC87E6@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

To inform hams of the \*FCC declaration\*. The ARRL has nothing else to do with it. I'm thankful they were there to get the word out.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) 33.2 N 96.6 W EM13RE  
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X ICQ 16819496 Collin County

-----  
Date: Sun, 18 Oct 1998 14:12:33 +0000  
From: John <kemkerj@xyzyzy.net>  
To: herr@ridgecrest.ca.us  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22573] Re: More on QRP killer cat!!!  
Message-ID: <3629E941.37565A67@xyzyzy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My cat, Maxine, loves antennas. She doesn't care if they're wire or Yagi or vertical. They can be in use or not. If I'm working on an antenna, she's in the middle of it. Even when I'm not there, she loves my antennas. Before the idjit ran the red light and killed my truck, Maxine would jump up to the hood of the truck, walk across and up to the roof and curl up around my 2m 5/8wave.

--John K.  
KF4MZD

Michael Herr wrote:

>  
> Gang,  
> Thanks for all the comments on the QRP killer cat situation. The  
> station is slowly getting back to shape, the smell is mostly gone and I am  
> using it to do some needed improvements. I was surprised at the number of  
> comments I received from other hams who had similiar occurances. Then I  
> thought how my own cat, who is somewhat stand offish, as all cat are,  
> decides that the time to be petted is when I am sitting down working some  
> nice CW. Ah ha! I believe we have discovered a cat conspiracy, certainly  
> against CW, perhaps QRP as well!  
> So be careful, very careful. Watch your cat around your radios,  
> especially QRP CW rigs as they may not be safe. The truth is out there.....  
> vy 72

>

-----

Hello folks... I have for sale one of the larger QRP rigs I know of. It was the exciter part of a full-rack 500W output RACAL system. Actually, I have two of them, and am selling one to help pay for the other.

RACAL numbers are: 5899-580-1688, and the description is: "DRIVE UNIT TRANSMITTER". This unit has CW, LSB, USB, and DSB-with provision for MARK & SPACE input for FSK. It is VERY similar (possibly identical-I have not had a chance to place them side-by-side) in appearance to the RACAL RA-17... including the kHz frequency readout using the 6 foot long 35mm film dial! Same large knobs, pair of circular meters in the upper left and upper right, etc. The output is the MIL-standard 100mW. Frequency range is 1.5-30MHz. The unit has all vacuum-state devices. It has no cables or connectors. It is in excellent condition. I have not checked either of the two I have, but they were pulled from working equipment, and the unit I am selling is fully guaranteed. I will be amazed if either of BOTH units fails to work-they look THAT good. The unit weighs 67 lbs, and packing will be important, so expect some shipping costs. Price is \$449 plus shipping but with some negotiation possible.

73

Ed Tanton    N4XY    EMAIL: n4xy@att.net  
189 Pioneer Trail  
Marietta, GA 30068-3466    TEL: (770)579-3933 V/MBX/FAX

INTERESTS:	QRP	BoatAnchors	Test Equipment	Photography
CW: 99.9%		Mercury Paddle # 0214		QRP to 150W: 95%

"Think you can, think you can't: either way you're right!" Henry Ford

-----  
Date: Sun, 18 Oct 1998 11:41:54 -0700  
From: w7ls@blarg.net  
To: bpooley@bar.auracom.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [22575] Re: printed circuit boards  
Message-ID: <362A3672.29CB@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi. I have used several systems. I gave up on all but the photosensitive type that comes presensitized. The iron-on systems have poor resolution. They stretch, move, etc. If you are used to professional board houses, you will be painfully disappointed with all but the photosensitive system. Just print it out on a laser printer onto a clear overhead transparency and contact print it.

73 de Jim, W7LS

Ben Pooley wrote:

>  
> OK, not strictly QRP, but the resulting circuit boards would be!  
>  
> Has anyone here tried, and would like to comment on, the transfer  
> paper system offered by Dyna-Art for transferring PCB layout from  
> laser printer to circuit board material?  
>  
> Comments on this, or any similar systems, would be appreciated.  
>  
> Been sending off layouts to PCB makers for years; now trying to  
> retire and can't afford that for my own projects!  
>  
> 72 Ben, VE1AHX

-----  
Date: Sun, 18 Oct 1998 19:08:25 GMT  
From: n3bj@hotmail.com  
To: qrp-1@Lehigh.EDU  
Subject: [22576] FS: Index QRP++ \$375 shipped  
Message-ID: <199810181908.0AA17397@x1.dejanews.com>

For Sale: Index Labs QRP++, late SN 1398. Has the AGC "pop" mod, which works and a small momentary on switch on top for tuning purposes (well done).

Very nice condition, must be one of the latest produced with that SN.  
Just  
have too many rigs. This radio works FB and looks the same. Original  
manual, box and ICOM mike included.

\$375 shipped

Alan, N3BJ  
Bent Mountain, VA

-----  
Date: Sun, 18 Oct 1998 16:30:09 +0100  
From: Stephen John Farthing <stephen@stevef.demon.co.uk>  
To: qrp-1@Lehigh.EDU  
Subject: [22577] EMail address for KK7B wanted  
Message-ID: <aNg6oAABmgK2Ewy4@stevef.demon.co.uk>  
MIME-Version: 1.0

Could someone post me the EMail Address of Rick Cambell, the designer of  
the R2 and T2.

Thanks

--

Stephen John Farthing MBCS G0XAR  
Melksham, Wiltshire UK  
RSGB G-QRP 7766

-----  
Date: Sun, 18 Oct 1998 12:48:41 -0500  
From: Mike Kana <cosmo224@execpc.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22578] Unbuilt 38 Special kit wanted  
Message-ID: <362A29F8.13406F95@execpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings all

I am looking for an unbuilt 38 Special kit. If you have one stashed in  
the closet that you would  
be willing to sell, please contact me at:  
cosmo224@execpc.com



Thanks  
Mike Kana  
AA9IL

-----  
Date: Sun, 18 Oct 1998 22:18:19 +0100  
From: "Mel Evans" <Mel@bccscotland.freemove.co.uk>  
To: <n4xy@att.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [22579] Re: LARGE QRP tube exciter  
Message-ID: <006801bdfadd\$e5628f40\$da0e883e@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Ed and gang,

This is the matching unit for the RACAL RA 17. To make the ISB/DSB bit work, you also need the ISB adapter, again a 19 in rack mount unit. You can get QRO bits for it as well, up to 1500 w I believe.

ADVICE: If it ain't broke, don't even think of trying to fix it! The Master Oscillator is a sealed unit, not to be tampered with by the great unwashed masses.

It's a superb unit, and is usually unconditionally stable once cooking. (I would be likely to believe the rigs frequency stability is as good as any made today, and lots better than most)

Regards de Mel  
GM6JAG  
Edinburgh Scotland

NEW e-mail address : Mel@bccscotland.freemove.co.uk  
-----Original Message-----  
From: Ed Tanton <n4xy@att.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, October 18, 1998 7:33 PM  
Subject: FS: LARGE QRP tube exciter

>Hello folks... I have for sale one of the larger QRP rigs I know of. It was



balanced input as the capacitors to earth on the secondary of the input coil have me baffled.

Could some one please explain there purpose.

Also could some tell me how to work out the resistance of a coil to find outs its Q.

I know that theory states  $Q = z/r$

I know the reactance at a frequency ,but is the R the DC resistance of the coil ????

Thanks Ross

ZL3DC

-----  
Date: Sun, 18 Oct 1998 17:37:02 EDT  
From: kq0i@juno.com (Mark R Milburn)  
To: qrp-l@Lehigh.EDU  
Subject: [22581] Texas Armadillo Chase  
Message-ID: <19981018.213458.5143.1.KQ0I@juno.com>

The NWQ Newsletter reports that this contest (fun event) will be held on October 26-27. Is that right?

If so, I haven't seen any rules posted. If they have been posted, would someone send them to me? If they haven't been posted, would the person in charge put them on the QRP-L?

Thanks

72/73, Mark, KQ0I Des Moines, Iowa EN31  
Packet: kq0i@w0ak.#cia.ia.usa.na  
e-mail: kq0i@juno.com

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Date: Sun, 18 Oct 1998 17:14:22

From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22582] Slug tuned BPF  
Message-ID: <3.0.3.16.19981018171422.22d76808@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Whew, that was a lot of work, hope it was worth it :-)

Two coil Band Pass Filter, slug tuned, covers 7 to 21 Mhz in two bands. reasonably selective, but didn't note the exact bandwidth. I'll have to go back and figure out the 6 dB BW points.

Mechanical nightmare, but turned out pretty good. Started out by finding an old IF coil in the junk pile which used two 1/4" dia slugs, the ones with the 4-40 brass rods inbedded in them. Removed the coils that were wound on them and cut the form in half. Remounted the forms on a "U" bracket made of copper clad board, on 1/2" centers.

The slugs are connected with a piece of sheet metal, with a 8-32 brass nut soldered to the middle. An 8-32 threaded rod moves the slugs in and out. The whole thing is then mounted in a sheet metal box, so the filter is completely sheilded from both magnetic and electrical fields. Final size of the boxed-up filter is 1" high, 1 3/4" wide and 2 3/4" deep.

I found the the best selectivity was obtained by magneticly coupling the coils. A piece of copper clad board is placed between the coils as an electro-static sheild, so only the magnetic field is coupled.

New coils were wound on the forms and adjusted to resonate at 21 Mhz with a 10 pfd cap and the slug removed. Slug fully inserted, they tune to about 10.5 Mhz. A DPDT relay is used to parrarel a second 33 pfd cap across the coils. Now they tune from about 11 Mhz to 7 Mhz.

I was going to try and make the filter motor driven, but this turned out to be pretty difficult for me to do, so ended up with the threaded rod going to the front panel and will just knob tune it.

All told, it took about 5 hrs to figure out and build the mechanics. Now comes the easy part, build the rest of the rig!

72,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----

Date: Sun, 18 Oct 1998 17:52:43 EDT  
From: RangerSF5@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22583] Modem problem..not qrp  
Message-ID: <15389f13.362a632b@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I thought i'd post this incase others may need the info.  
The person that has modem/Juno connection problems,Juno at this time will not work with your modem.  
I did an ISP search and JUNO was not listed as an \*ISP\* to work with the V-90 vesion.  
For information and drivers on various modems,the URL is  
<<http://www.winfiles.com/drivers/modems.html>>  
Just click on drivers and that will take you to the site for all the modems and related drivers you may download if needed.  
Good Luck  
Bob  
WA2HOQ

-----  
Date: Sun, 18 Oct 1998 17:19:59 -0500  
From: k5ubs@juno.com (Oscar A Hoyt)  
To: qrp-1@Lehigh.EDU  
Subject: [22584] cat from hell  
Message-ID: <19981018.172001.10342.0.k5ubs@juno.com>

I'll loan you my dogs, one is a basset hound (old) the other a mixed breed. We have buried six of the neighbors cats and my dogs are fenced in with pad locked gates and DONT get out, Just dumb cats. My rigs are worth more than the cats that he will not feed, they come after dog food.  
Oscar K5UBS Ham since 55

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Date: Sun, 18 Oct 1998 18:54:55 -0400

From: Bill Robbins <billrobb@net-link.net>  
To: QRP-L@Lehigh.EDU  
Subject: [22585] FS: HW-9  
Message-ID: <199810182254.SAA17814@serv01.net-link.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I would like to trade (maybe sell) my HW-9. I am open to any offers for qrp gear or interesting Heath items. Maybe cash.

It work very well. And it has the WARC bands options. I would give it a 8.5-9.0. The front panel is excellent.

Offers please.

Bill

Heathkit Collector  
WA8CDU Formally WN8CDU

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End of QRP-L Digest 1248

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